

**Patent** [19]

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## [54] AIR CLEANER

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## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To prolong life of an irradiating lamp of an air cleaner which has a structure of which air is deodorized by using a photocatalyst by switching on or off a light of the irradiating lamp which radiates light that excites the photocatalyst.

**SOLUTION:** An air cleaner has a deodorizing means to deodorize air and the deodorizing means is composed of a photocatalyst 6, a plurality of irradiating lamps 70, 71 and a controlling means 80 which controls the irradiating lamps 70, 71. The irradiating lamps 70, 71 are controlled so as to be switched on and off their lights successively. Thereby, a time to exchange the irradiating lamps can be prolonged with deodorizing air efficiently, therefore a trouble to exchange the irradiating lamps can be saved.

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